

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEYS DOCKET NO.  <div style="text-align: center;">2997-74-PUS</div> U.S. APPLICATION NO. (If known, see 35 CFR 1.5)  <div style="text-align: center;">NOT YET ASSIGNED</div>
INTERNATIONAL APPLICATION NO.  <div style="text-align: center;">PCT/US2005/002177</div>	INTERNATIONAL FILING DATE  <div style="text-align: center;">19 January 2005</div>	PRIORITY DATE CLAIMED  <div style="text-align: center;">19 January 2004</div>
TITLE OF INVENTION <div style="text-align: center;">REELIN DEFICIENCY OR DYSFUNCTION AND METHODS RELATED THERETO</div>		
APPLICANT(S) FOR DO/EO/US <div style="text-align: center;">John P. MORSEMAN, Mark W. MOSS, and Lorie A. ELLIS</div>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (20) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 10 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>13. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>14. <input type="checkbox"/> A substitute specification.</li> <li>15. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li>17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 1.54(d)(4).</li> <li>19. <input type="checkbox"/> Other items or information:</li> </ol>		

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20. The following fees are submitted:					Applicant use	Office use only
<input checked="" type="checkbox"/>	a) Basic national fee		\$300.00	\$	300.00	
<input checked="" type="checkbox"/>	b) Examination fee		\$200.00	\$	200.00	
<input checked="" type="checkbox"/>	c) Search fee		\$400.00	\$	400.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	900.00	
<input type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets		Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
83	-100 =	-17	/50 =	0	x \$250.00	\$ 0
Surcharge of \$130.00 for finishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))					\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE		
Total claims		123 - 20 =	103	x \$50.00	\$	5,150.00
Independent claims		23 - 3 =	20	x \$200.00	\$	4,000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>					\$	10,050.00
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>					\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$	
<b>TOTAL NATIONAL FEE =</b>					\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property					\$	
<b>TOTAL FEES ENCLOSED =</b>					\$	10,050.00
<b>Amount to be refunded:</b>						\$
<b>Amount to be charged:</b>						\$

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 19-1970 in the amount of \$ 10,500.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

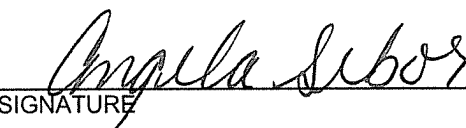
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1970. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

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Denver, Colorado 80202-5141  
Telephone: (303) 863-9700  
Facsimile: (303) 863-0223

  
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SIGNATURE  
Angela Dallas Sebor  
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**CUSTOMER NO. 22442**